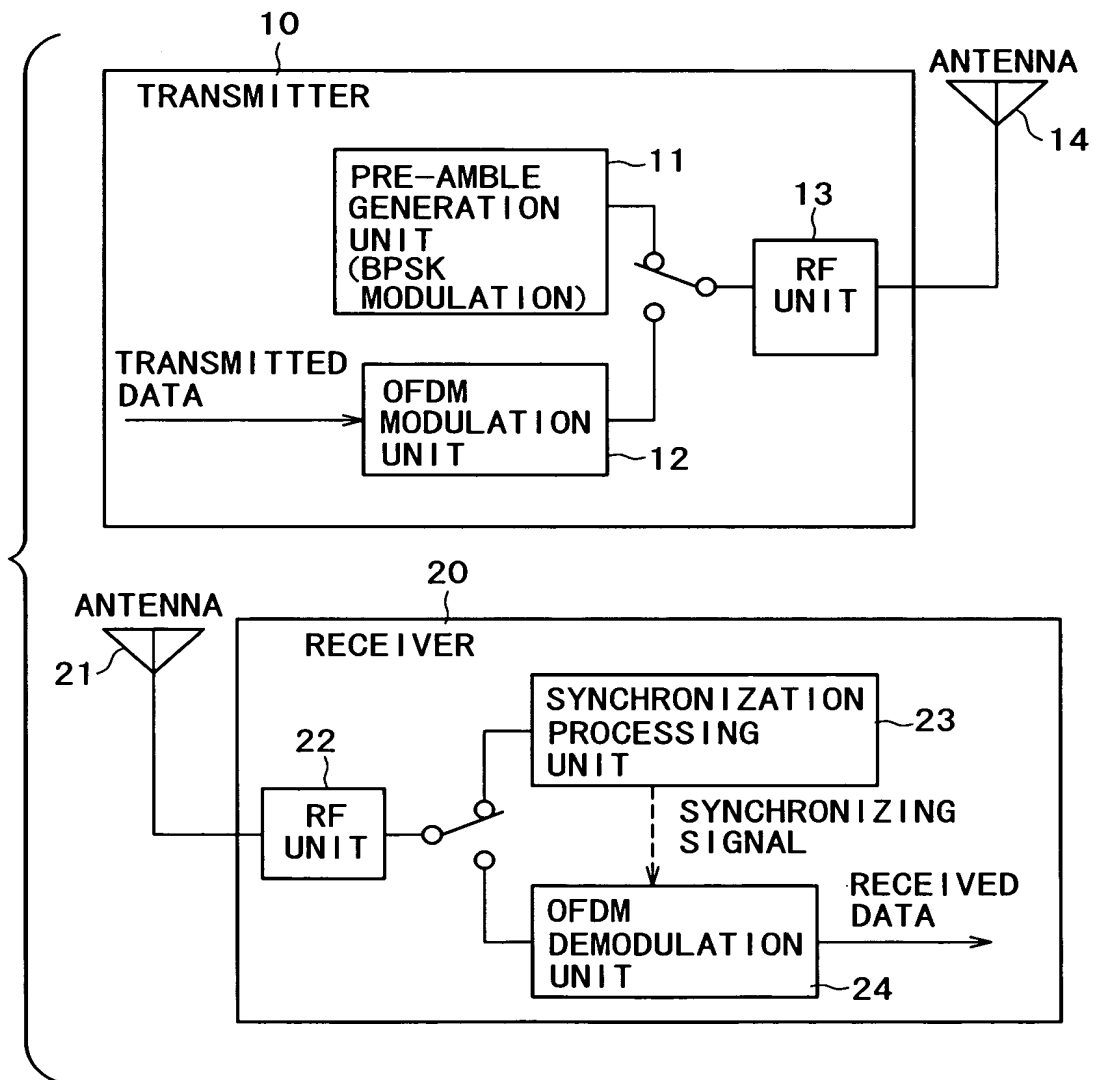


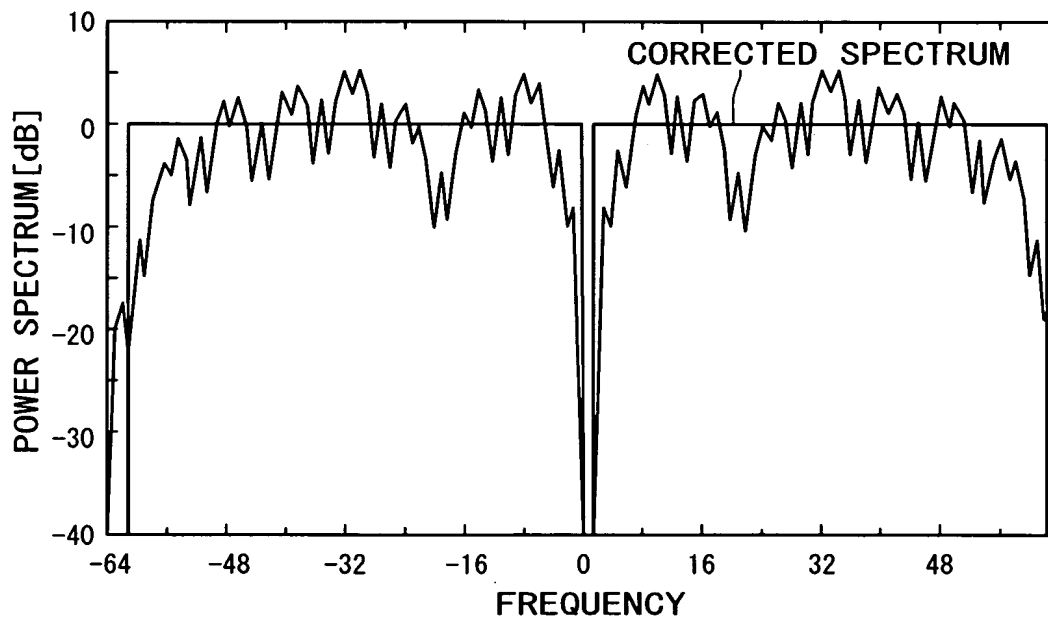
FIG. 1



S04P1166

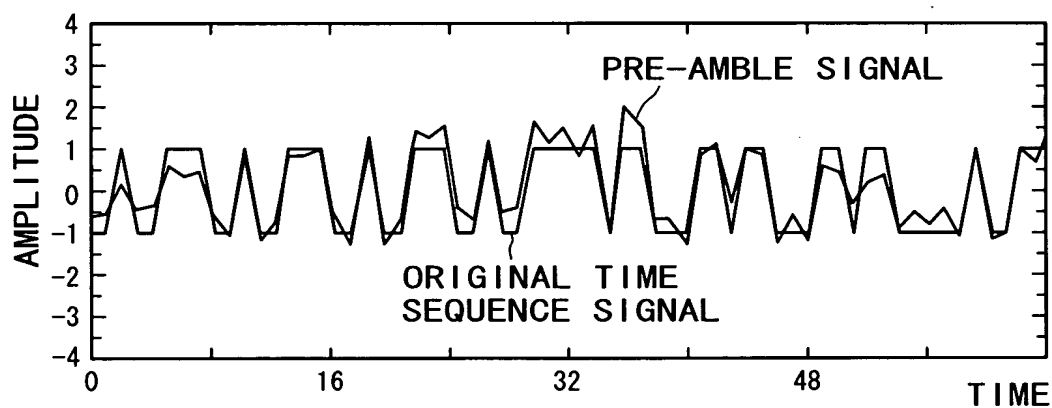
2 / 16

FIG. 2



3 / 16

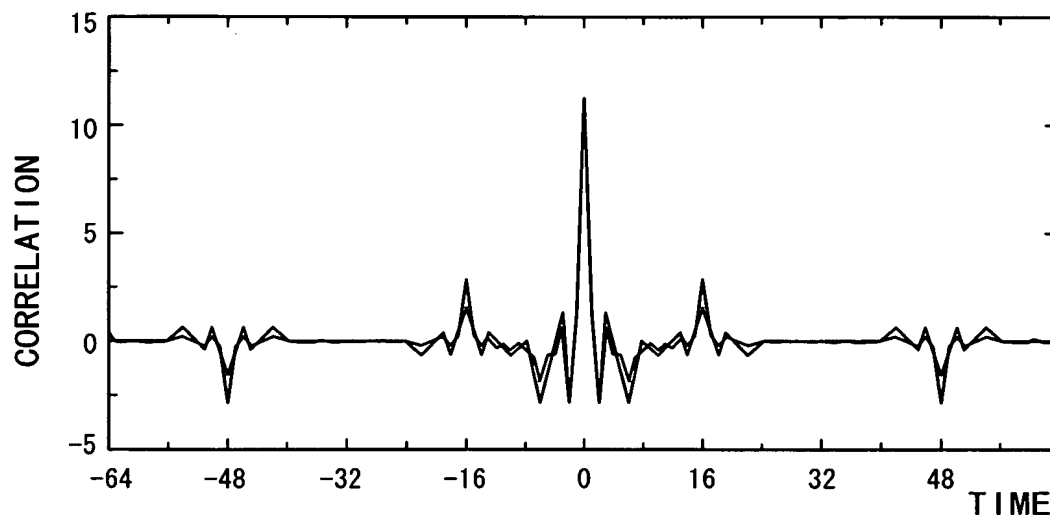
FIG. 3



S04P1166

4/16

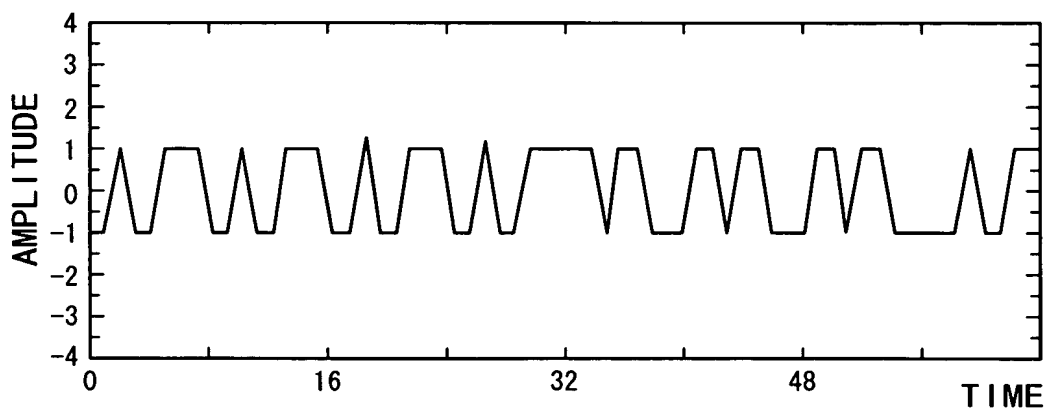
FIG. 4



S04P1166

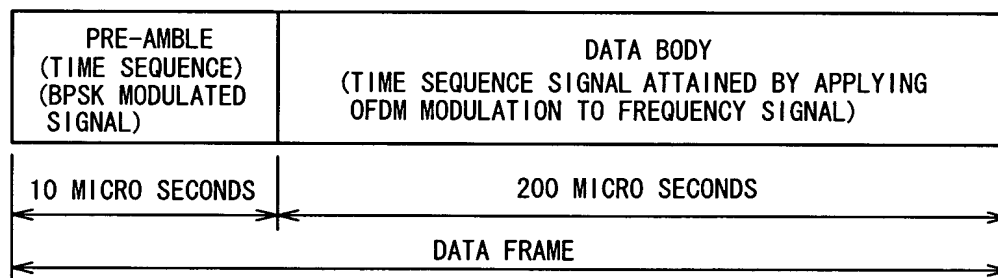
5 / 16

F I G. 5



6 / 16

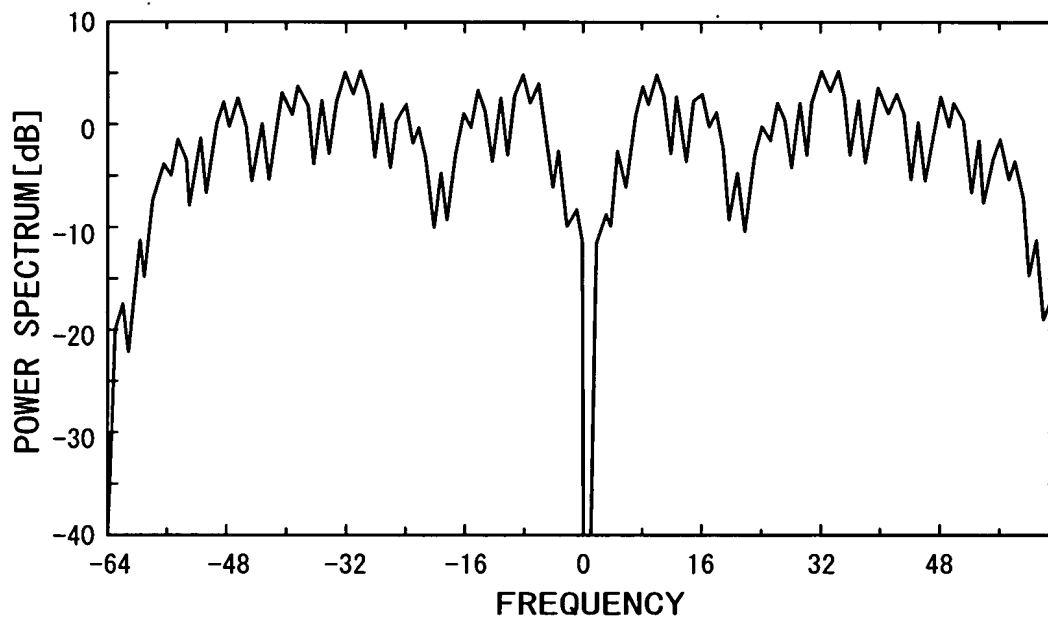
F I G. 6



S04P1166

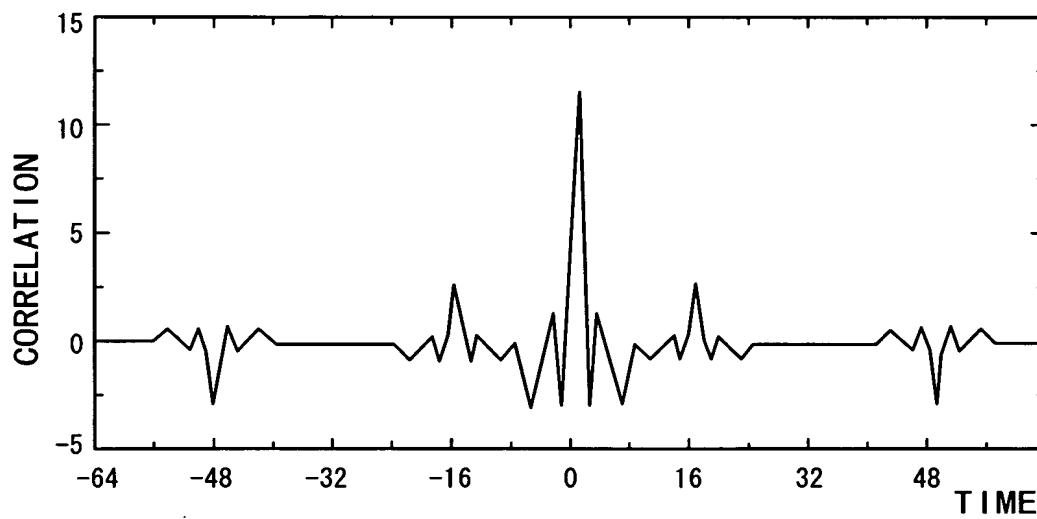
7 / 16

F I G. 7



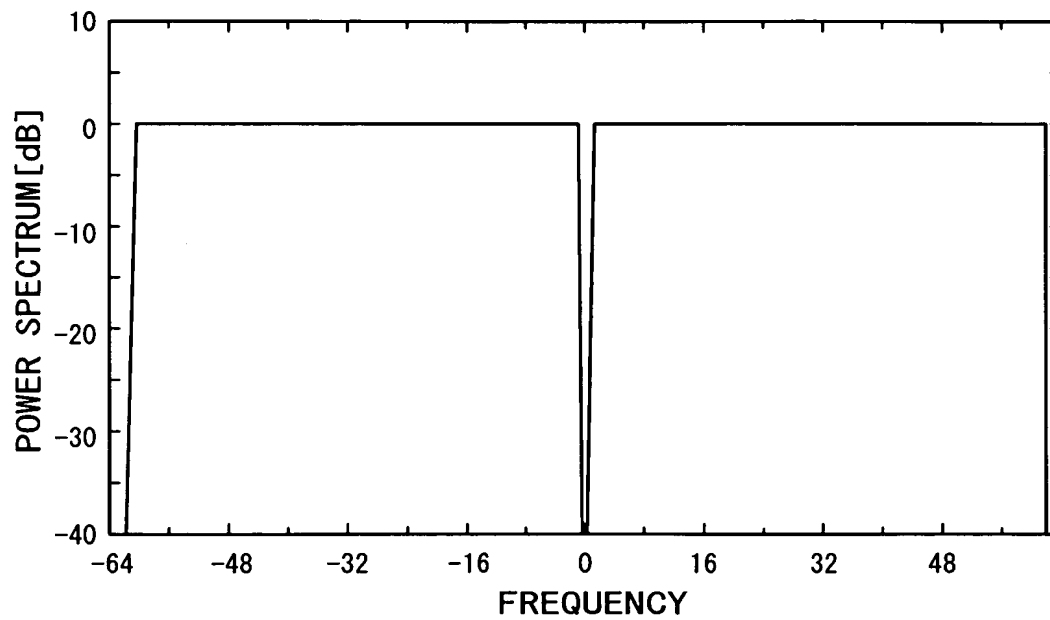
8 / 16

F I G . 8



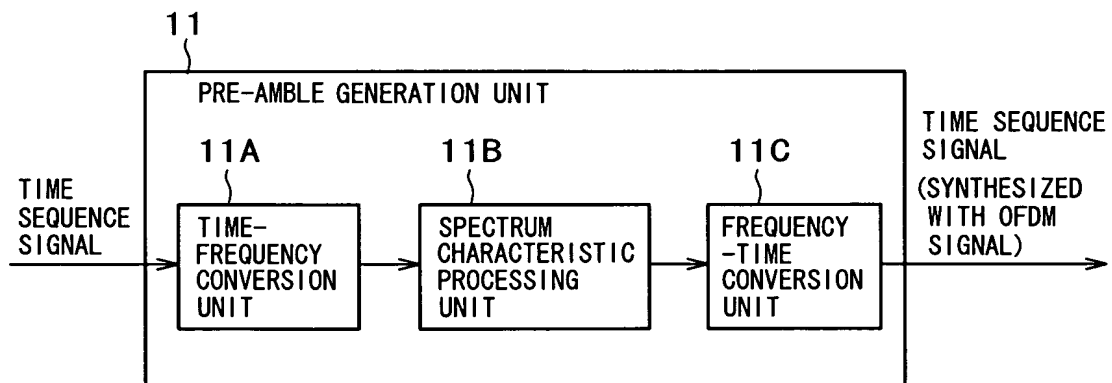
9 / 16

FIG. 9



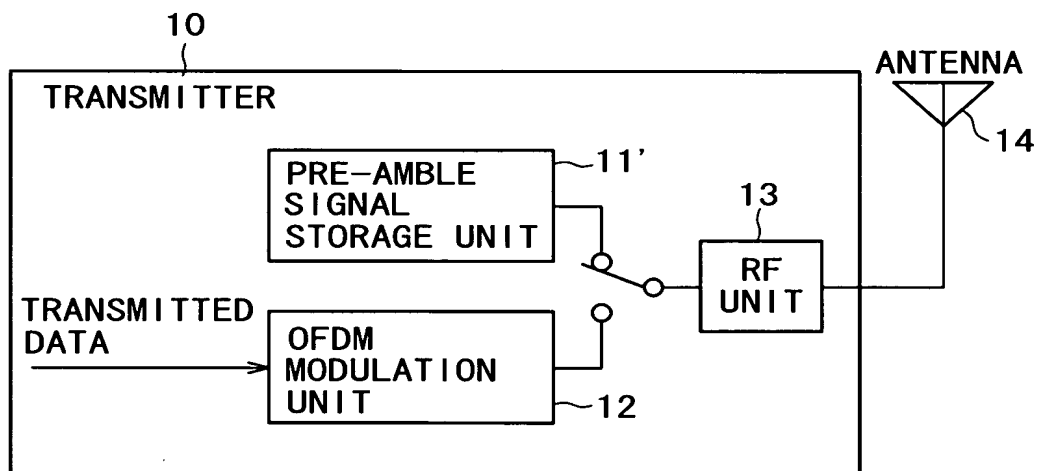
10/16

FIG. 10



11/16

FIG. 11



12 / 16

FIG. 12

Sequence Element	Value	Sequence Element	Value	Sequence Element	Value	Sequence Element	Value
C0	0.6564	C32	-0.0844	C64	-0.2095	C96	0.4232
C1	-1.3671	C33	1.1974	C65	1.1640	C97	-1.2684
C2	-0.9958	C34	1.2261	C66	1.2334	C98	-1.8151
C3	-1.3981	C35	1.4401	C67	1.5338	C99	-1.4829
C4	0.8481	C36	-0.5988	C68	-0.8844	C100	1.0302
C5	1.0892	C37	-0.4675	C69	-0.3857	C101	0.9419
C6	-0.8621	C38	0.8520	C70	0.7730	C102	-1.1472
C7	1.1512	C39	-0.8922	C71	-0.9754	C103	1.4858
C8	0.9602	C40	-0.5603	C72	-0.2315	C104	-0.6794
C9	-1.3581	C41	1.1886	C73	0.5579	C105	0.9573
C10	-0.8354	C42	1.1128	C74	0.4035	C106	1.0807
C11	-1.3249	C43	1.08833	C75	0.4248	C107	1.1445
C12	1.0964	C44	-0.9073	C76	-0.3359	C108	-1.2312
C13	1.3334	C45	-1.6227	C77	-0.9914	C109	-0.6643
C14	-0.7378	C46	1.0013	C78	0.5975	C110	0.3836
C15	1.3565	C47	-1.6067	C79	-0.8408	C111	-1.1482
C16	0.9361	C48	0.3360	C80	0.3587	C112	-0.0353
C17	-0.8212	C49	-1.3136	C81	-0.9604	C113	-0.6747
C18	-0.2662	C50	-1.4447	C82	-1.0002	C114	-1.1653
C19	-0.6866	C51	-1.7238	C83	-1.1636	C115	-0.8896
C20	0.8437	C52	1.0287	C84	0.9590	C116	0.2414
C21	1.1237	C53	0.6100	C85	0.7137	C117	0.1160
C22	-0.3265	C54	-0.9237	C86	-0.6776	C118	-0.6987
C23	1.0511	C55	1.2618	C87	0.9824	C119	0.4781
C24	0.7927	C56	0.5974	C88	-0.5454	C120	0.1821
C25	-0.3363	C57	-1.0976	C89	1.1022	C121	-1.0672
C26	-0.1342	C58	-0.9776	C90	1.6485	C122	-0.9676
C27	-0.1546	C59	-0.9982	C91	1.3307	C123	-1.2321
C28	0.6955	C60	0.8967	C92	-1.2852	C124	0.5003
C29	1.0608	C61	1.7640	C93	-1.2659	C125	0.7419
C30	-0.1600	C62	-1.0211	C94	0.9435	C126	-0.8934
C31	0.9442	C63	1.6913	C95	-1.6809	C127	0.8391

S04P1166

13 / 16

F I G. 1 3

Sequence Element	Value	Sequence Element	Value	Sequence Element	Value	Sequence Element	Value
C ₀	0.9679	C ₃₂	-1.2905	C ₆₄	1.5280	C ₉₆	0.5193
C ₁	-1.0186	C ₃₃	1.1040	C ₆₅	-0.9193	C ₉₇	-0.3439
C ₂	0.4883	C ₃₄	-1.2408	C ₆₆	1.1246	C ₉₈	0.1428
C ₃	0.5432	C ₃₅	-0.8062	C ₆₇	1.2622	C ₉₉	0.6251
C ₄	-1.4702	C ₃₆	1.5425	C ₆₈	-1.4406	C ₁₀₀	-1.0468
C ₅	-1.4507	C ₃₇	1.0955	C ₆₉	-1.4929	C ₁₀₁	-0.5798
C ₆	-1.1752	C ₃₈	1.4284	C ₇₀	-1.1508	C ₁₀₂	-0.8237
C ₇	-0.0730	C ₃₉	-0.4593	C ₇₁	0.4126	C ₁₀₃	0.2667
C ₈	-1.2445	C ₄₀	-1.0408	C ₇₂	-1.0462	C ₁₀₄	-0.9564
C ₉	0.3143	C ₄₁	1.0542	C ₇₃	0.7232	C ₁₀₅	0.6016
C ₁₀	-1.3951	C ₄₂	-0.4446	C ₇₄	-1.1574	C ₁₀₆	-0.9964
C ₁₁	-0.9694	C ₄₃	-0.7929	C ₇₅	-0.7102	C ₁₀₇	-0.3541
C ₁₂	0.4563	C ₄₄	1.6733	C ₇₆	0.8502	C ₁₀₈	0.3965
C ₁₃	0.3073	C ₄₅	1.7598	C ₇₇	0.6260	C ₁₀₉	0.5201
C ₁₄	0.6408	C ₄₆	1.3273	C ₇₈	0.9530	C ₁₁₀	0.4733
C ₁₅	-0.9798	C ₄₇	-0.2465	C ₇₉	-0.4971	C ₁₁₁	-0.2362
C ₁₆	-1.4116	C ₄₈	1.6850	C ₈₀	-0.8633	C ₁₁₂	-0.6892
C ₁₇	0.6038	C ₄₉	-0.7091	C ₈₁	0.6910	C ₁₁₃	0.4787
C ₁₈	-1.3860	C ₅₀	1.1396	C ₈₂	-0.3639	C ₁₁₄	-0.2605
C ₁₉	-1.0888	C ₅₁	1.5114	C ₈₃	-0.8874	C ₁₁₅	-0.5887
C ₂₀	1.1036	C ₅₂	-1.4343	C ₈₄	1.5311	C ₁₁₆	0.9411
C ₂₁	0.7067	C ₅₃	-1.5005	C ₈₅	1.1546	C ₁₁₇	0.7364
C ₂₂	1.1667	C ₅₄	-1.2572	C ₈₆	1.1935	C ₁₁₈	0.6714
C ₂₃	-1.0225	C ₅₅	0.8274	C ₈₇	-0.2930	C ₁₁₉	-0.1746
C ₂₄	-1.2471	C ₅₆	-1.5140	C ₈₈	1.3285	C ₁₂₀	1.1776
C ₂₅	0.7788	C ₅₇	1.1421	C ₈₉	-0.7231	C ₁₂₁	-0.8803
C ₂₆	-1.2716	C ₅₈	-1.0135	C ₉₀	1.2832	C ₁₂₂	1.2542
C ₂₇	-0.8745	C ₅₉	-1.0657	C ₉₁	0.7878	C ₁₂₃	0.5111
C ₂₈	1.2175	C ₆₀	1.4073	C ₉₂	-0.8095	C ₁₂₄	-0.8209
C ₂₉	0.8419	C ₆₁	1.8196	C ₉₃	-0.7463	C ₁₂₅	-0.8975
C ₃₀	1.2881	C ₆₂	1.1679	C ₉₄	-0.8973	C ₁₂₆	-0.9091
C ₃₁	-0.8210	C ₆₃	-0.4131	C ₉₅	0.5560	C ₁₂₇	0.2562

14 / 16

F I G. 1 4

Sequence Element	Value	Sequence Element	Value	Sequence Element	Value	Sequence Element	Value
C ₀	0.4047	C ₃₂	-0.9671	C ₆₄	-0.7298	C ₉₆	0.2424
C ₁	0.5799	C ₃₃	-0.9819	C ₆₅	-0.9662	C ₉₇	0.5703
C ₂	-0.3407	C ₃₄	0.7980	C ₆₆	0.9694	C ₉₈	-0.6381
C ₃	0.4343	C ₃₅	-0.8158	C ₆₇	-0.8053	C ₉₉	0.7861
C ₄	0.0973	C ₃₆	-0.9188	C ₆₈	-0.9052	C ₁₀₀	0.9175
C ₅	-0.7637	C ₃₇	1.5146	C ₆₉	1.5933	C ₁₀₁	-0.4595
C ₆	-0.6181	C ₃₈	0.8138	C ₇₀	0.8418	C ₁₀₂	-0.2201
C ₇	-0.6539	C ₃₉	1.3773	C ₇₁	1.5363	C ₁₀₃	-0.7755
C ₈	0.3768	C ₄₀	0.2108	C ₇₂	0.3085	C ₁₀₄	-0.2965
C ₉	0.7241	C ₄₁	0.9245	C ₇₃	1.3016	C ₁₀₅	-1.1220
C ₁₀	-1.2095	C ₄₂	-1.2138	C ₇₄	-1.5546	C ₁₀₆	1.7152
C ₁₁	0.6027	C ₄₃	1.1252	C ₇₅	1.5347	C ₁₀₇	-1.2756
C ₁₂	0.4587	C ₄₄	0.9663	C ₇₆	1.0935	C ₁₀₈	-0.7731
C ₁₃	-1.3879	C ₄₅	-0.8418	C ₇₇	-0.8978	C ₁₀₉	1.0724
C ₁₄	-1.0592	C ₄₆	-0.6811	C ₇₈	-0.9712	C ₁₁₀	1.1733
C ₁₅	-1.4052	C ₄₇	-1.3003	C ₇₉	-1.3763	C ₁₁₁	1.4711
C ₁₆	-0.8439	C ₄₈	-0.3397	C ₈₀	-0.6360	C ₁₁₂	0.4881
C ₁₇	-1.5992	C ₄₉	-1.1051	C ₈₁	-1.2947	C ₁₁₃	0.7528
C ₁₈	1.1975	C ₅₀	1.2400	C ₈₂	1.6436	C ₁₁₄	-0.6417
C ₁₉	-1.9525	C ₅₁	-1.3975	C ₈₃	-1.6564	C ₁₁₅	0.7528
C ₂₀	-1.5141	C ₅₂	-0.7467	C ₈₄	-1.1981	C ₁₁₆	0.8002
C ₂₁	0.7219	C ₅₃	0.2706	C ₈₅	0.8719	C ₁₁₇	-0.0077
C ₂₂	0.6982	C ₅₄	0.7294	C ₈₆	0.9992	C ₁₁₈	-0.2336
C ₂₃	1.2924	C ₅₅	0.7444	C ₈₇	1.4872	C ₁₁₉	-0.4653
C ₂₄	-0.9460	C ₅₆	-0.3970	C ₈₈	-0.4586	C ₁₂₀	0.6862
C ₂₅	-1.2407	C ₅₇	-1.0718	C ₈₉	-0.8404	C ₁₂₁	1.2716
C ₂₆	0.4572	C ₅₈	0.6646	C ₉₀	0.6982	C ₁₂₂	-0.8880
C ₂₇	-1.2151	C ₅₉	-1.1037	C ₉₁	-0.7959	C ₁₂₃	1.4011
C ₂₈	-0.9869	C ₆₀	-0.5716	C ₉₂	-0.5692	C ₁₂₄	0.9531
C ₂₉	1.2792	C ₆₁	0.9001	C ₉₃	1.3528	C ₁₂₅	-1.1210
C ₃₀	0.6882	C ₆₂	0.7317	C ₉₄	0.9536	C ₁₂₆	-0.9489
C ₃₁	1.2586	C ₆₃	0.9846	C ₉₅	1.1784	C ₁₂₇	-1.2566

15 / 16

F I G. 1 5

Sequence Element	Value	Sequence Element	Value	Sequence Element	Value	Sequence Element	Value
C ₀	1.1549	C ₃₂	-1.2385	C ₆₄	1.3095	C ₉₆	-1.0094
C ₁	1.0079	C ₃₃	-0.7883	C ₆₅	0.6675	C ₉₇	-0.759
C ₂	0.7356	C ₃₄	-0.7954	C ₆₆	1.2587	C ₉₈	-1.0786
C ₃	-0.7434	C ₃₅	1.0874	C ₆₇	-0.9993	C ₉₉	0.6699
C ₄	-1.3930	C ₃₆	1.1491	C ₆₈	-1.0052	C ₁₀₀	0.9813
C ₅	1.2818	C ₃₇	-1.4780	C ₆₉	0.6601	C ₁₀₁	-0.5563
C ₆	-1.1033	C ₃₈	0.8870	C ₇₀	-1.0228	C ₁₀₂	1.0548
C ₇	-0.2532	C ₃₉	0.4694	C ₇₁	-0.7489	C ₁₀₃	0.8925
C ₈	-0.7905	C ₄₀	1.0566	C ₇₂	0.5086	C ₁₀₄	-1.3656
C ₉	-0.4261	C ₄₁	1.1266	C ₇₃	0.1563	C ₁₀₅	-0.8472
C ₁₀	-0.9390	C ₄₂	0.9935	C ₇₄	0.0673	C ₁₀₆	-1.3110
C ₁₁	0.4345	C ₄₃	-1.2462	C ₇₅	-0.8375	C ₁₀₇	1.1897
C ₁₂	0.4433	C ₄₄	-1.7869	C ₇₆	-1.0746	C ₁₀₈	1.5127
C ₁₃	-0.3076	C ₄₅	1.7462	C ₇₇	0.4454	C ₁₀₉	-0.7474
C ₁₄	0.5644	C ₄₆	-1.4881	C ₇₈	-0.7831	C ₁₁₀	1.4678
C ₁₅	0.2571	C ₄₇	-0.4090	C ₇₉	-0.3623	C ₁₁₁	1.0295
C ₁₆	-1.0030	C ₄₈	-1.4694	C ₈₀	-1.3658	C ₁₁₂	-0.9210
C ₁₇	-0.7820	C ₄₉	-0.7923	C ₈₁	-1.0854	C ₁₁₃	-0.4784
C ₁₈	-0.4064	C ₅₀	-1.4607	C ₈₂	-1.4923	C ₁₁₄	-0.5022
C ₁₉	0.9035	C ₅₁	0.9113	C ₈₃	0.4233	C ₁₁₅	1.2153
C ₂₀	1.5406	C ₅₂	0.8454	C ₈₄	0.6741	C ₁₁₆	1.5783
C ₂₁	-1.4613	C ₅₃	-0.8866	C ₈₅	-1.0157	C ₁₁₇	-0.7718
C ₂₂	1.2745	C ₅₄	0.8852	C ₈₆	0.8304	C ₁₁₈	1.2384
C ₂₃	0.3715	C ₅₅	0.4918	C ₈₇	0.4878	C ₁₁₉	0.6695
C ₂₄	1.8134	C ₅₆	-0.6096	C ₈₈	0.8304	C ₁₂₀	0.8821
C ₂₅	0.9438	C ₅₇	-0.4322	C ₈₉	-1.1884	C ₁₂₁	0.7808
C ₂₆	1.3130	C ₅₈	-0.1327	C ₉₀	-1.4008	C ₁₂₂	1.0537
C ₂₇	-1.3070	C ₅₉	0.4953	C ₉₁	0.7795	C ₁₂₃	-0.0791
C ₂₈	-1.3462	C ₆₀	0.9702	C ₉₂	1.2926	C ₁₂₄	-0.2845
C ₂₉	1.6868	C ₆₁	-0.8667	C ₉₃	-1.2049	C ₁₂₅	0.5790
C ₃₀	-1.2153	C ₆₂	0.6803	C ₉₄	1.2934	C ₁₂₆	-0.4664
C ₃₁	-0.6778	C ₆₃	-0.0244	C ₉₅	0.8123	C ₁₂₇	-0.1097

16 / 16

F I G. 1 6

Sequence Element	Value	Sequence Element	Value	Sequence Element	Value	Sequence Element	Value
C ₀	0.9574	C ₃₂	0.8400	C ₆₄	0.5859	C ₉₆	-0.8528
C ₁	0.5270	C ₃₃	1.3980	C ₆₅	0.3053	C ₉₇	-0.6973
C ₂	1.5929	C ₃₄	1.1147	C ₆₆	0.8948	C ₉₈	-1.2477
C ₃	-0.2500	C ₃₅	-0.4732	C ₆₇	-0.6744	C ₉₉	0.6246
C ₄	-0.2536	C ₃₆	-1.7178	C ₆₈	-0.8901	C ₁₀₀	0.7687
C ₅	-0.3023	C ₃₇	-0.8477	C ₆₉	0.8133	C ₁₀₁	0.7987
C ₆	1.2907	C ₃₈	1.5083	C ₇₀	0.9201	C ₁₀₂	-1.2809
C ₇	-0.4258	C ₃₉	-1.4364	C ₇₁	-1.0841	C ₁₀₃	1.1023
C ₈	1.0012	C ₄₀	0.3853	C ₇₂	-0.8036	C ₁₀₄	0.4250
C ₉	1.7704	C ₄₁	1.5673	C ₇₃	-0.3105	C ₁₀₅	-0.1614
C ₁₀	0.8593	C ₄₂	0.0295	C ₇₄	-1.0514	C ₁₀₆	0.7547
C ₁₁	-0.3719	C ₄₃	-0.4204	C ₇₅	0.7644	C ₁₀₇	-0.6696
C ₁₂	-1.3465	C ₄₄	-1.4856	C ₇₆	0.7301	C ₁₀₈	-0.3920
C ₁₃	-0.7419	C ₄₅	-0.8404	C ₇₇	0.9788	C ₁₀₉	-0.7589
C ₁₄	1.5350	C ₄₆	1.0111	C ₇₈	-1.1305	C ₁₁₀	0.6701
C ₁₅	-1.2800	C ₄₇	-1.4269	C ₇₉	1.3257	C ₁₁₁	-0.9381
C ₁₆	0.6955	C ₄₈	0.3033	C ₈₀	0.7801	C ₁₁₂	-0.7483
C ₁₇	1.7204	C ₄₉	0.7757	C ₈₁	0.7867	C ₁₁₃	-0.9659
C ₁₈	0.1643	C ₅₀	-0.1370	C ₈₂	1.0996	C ₁₁₄	-0.9192
C ₁₉	-0.3347	C ₅₁	-0.5250	C ₈₃	-0.5623	C ₁₁₅	0.3925
C ₂₀	-1.7244	C ₅₂	-1.1589	C ₈₄	-1.2227	C ₁₁₆	1.2864
C ₂₁	-0.7447	C ₅₃	-0.8324	C ₈₅	-0.8223	C ₁₁₇	0.6784
C ₂₂	1.1141	C ₅₄	0.6336	C ₈₆	1.2074	C ₁₁₈	-1.0909
C ₂₃	-1.3541	C ₅₅	-1.2698	C ₈₇	-1.2338	C ₁₁₉	1.1140
C ₂₄	-0.7293	C ₅₆	-0.7853	C ₈₈	0.2957	C ₁₂₀	-0.6134
C ₂₅	0.2682	C ₅₇	-0.7031	C ₈₉	1.0999	C ₁₂₁	-1.5467
C ₂₆	-1.2401	C ₅₈	-1.1106	C ₉₀	-0.0201	C ₁₂₂	-0.3031
C ₂₇	1.0527	C ₅₉	0.6071	C ₉₁	-0.5860	C ₁₂₃	0.9457
C ₂₈	0.1199	C ₆₀	0.7164	C ₉₂	-1.2284	C ₁₂₄	1.9645
C ₂₉	1.1496	C ₆₁	0.8305	C ₉₃	-0.9215	C ₁₂₅	1.4549
C ₃₀	-1.0544	C ₆₂	-1.2355	C ₉₄	0.7941	C ₁₂₆	-1.2760
C ₃₁	1.3176	C ₆₃	1.1754	C ₉₅	-1.4128	C ₁₂₇	2.2102